



ORIGAMI with DOLLAR BILLS:

Another Way to Impress People with Your Money

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by Duy Nguyen



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TABLE OF CONTENTS

Introduction	6
Basic Folds	9
One Dollar Objects	13
Two Dollar Objects	35
Three Dollar Objects	63
Index	80

INTRODUCTION

LINE AND THE AND THE PARTY IN

Origami with Dollar Bills: Another Way to Impress People with Your Money offers a unique twist to traditional origami projects. Using a dollar bill instead of conventional origami paper, you don't have to look further than your wallet and beyond your hands in order to create 15 fabulous origami objects. The projects, ranging from a horseshoe crab, to a Jedi, to an oriental dragon are fun and clever and are guaranteed to amaze everyone. Although some of the projects are more challenging than others, with a bit of patience and practice, without a doubt you will soon master them.

To make the folds that are mentioned in the step-by-step instructions of each project, refer to the Basic Folds section, pages 9-12. The origami projects are arranged according to how many dollar bills you will need. Beginning on page 13, the first six projects use only one dollar bill and don't involve any attachments. But don't be fooled, they still require some very intricate folding. The following six projects, starting on page 35, are made by attaching two parts—each made from a dollar—together, while the last three origami objects, from page 63 on, consist of three attachments made from single dollar bills. Don't worry, it's not necessary to cut, glue, tape, or deface the currency in any way so you won't be committing vandalism!

Throughout Origami with Dollar Bills, you will learn amazing facts about United States currency and its rich history, so to speak; from how many times a dollar bill can be folded before tearing, to how many dollar bills stacked together equal a mile, to why only green ink is used. For more great information and fascinating trivia about United States currency, check out the Bureau of Engraving and Printing's website, www.moneyfactory.com.

So, have a little fun and at the same time exercise your mind and your fingers using Origami with Dollar Bills. And don't forget to show the world what money can really do!

BASIC FOLDS & SYMBOLS

Fold Line

Mountain Fold Line

Hidden Fold Line

Fold in This Direction

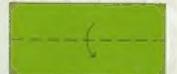
Turn Over or Rotate

Fold Then Unfold

Pleat Fold

Crease Line

VALLEY FOLD



3. Fold along the dotted line



2. Completed Valley Fold

MOUNTAIN FOLD



1. Fold to the back



2. Completed Mountain Fold

INSIDE REVERSE FOLD

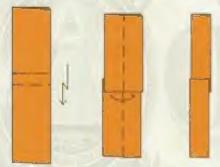
Completed Inside Reverse Fold

OUTSIDE REVERSE FOLD



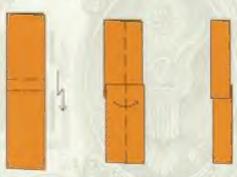
1. 2, Completed Outside Reverse Fold

PLEAT FOLD



1. Valley folds 2. Valley fold 3. Pleat Fold

PLEAT FOLD REVERSE

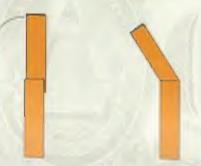


1. Valley tolds

2. Valley fold 3. Pleat Fold Reverse

INSIDE CRIMP FOLD

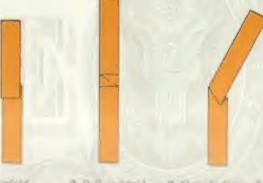
OUTSIDE CRIMP FOLD



1. Pull and lold 2. Iraide Ching fold



B. Unfold



2. Pull and hid. 3. Charache Cromps Polid







SEA LION









1. Valley I/Ad to half and unload

I Kryod

1 Valley HAS

4. Turn rover to the other side









A. Valley IIII5

S. Topost















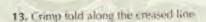
9. Valley folds and squash folds

10. Valley fold in half

11. Valley fold and unfold

12. Repeat







14. Incide reverse loid



15. Valley fold both sides



16. Valley fold both sides



17. Valley fold to turn head



KLINGON BIRD OF PREY



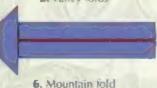
1. Valley fold then unfold



Pull and folds along the crease lines



2. Valley folds



3. Valley folds



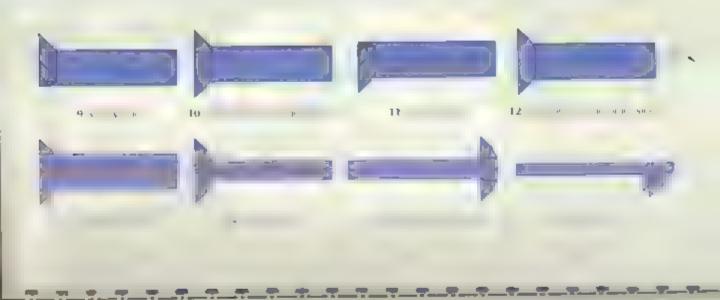
7. Turn over to the other side

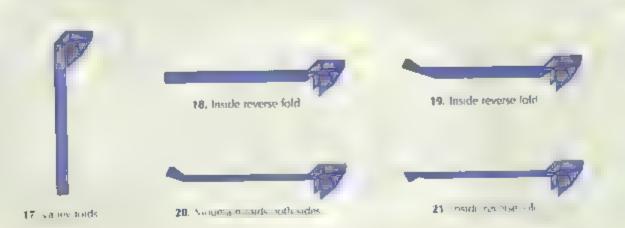


4. Unfold



8. Valley fold and squash fold







23, value tords to level both wings



ELECTRIC EEL



 Start with one donar bill; rold in half and unrold



4. Repeat



2. Vailey folds



5. Valley fold



3. Valley fold



6. Valley fold and hide behind layer



7 Vailey fold



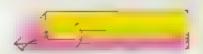
10, Turn over to the other side



8. Valley fold (a)



11. Valley told

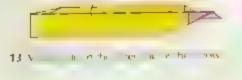


9. Valley fold



12, Mountain fold







16. Valley fold



14 visiting and spenish ave



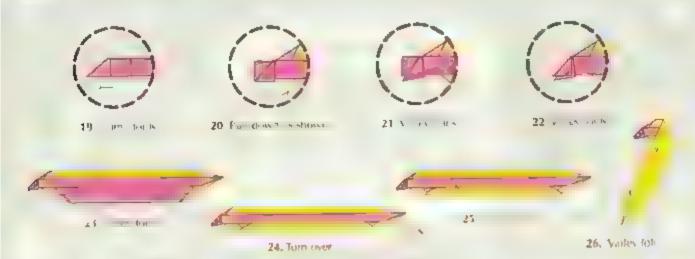
17 promet be end up to

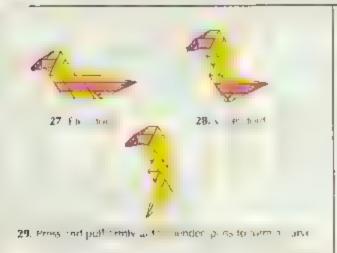


15 6% B



18. See close-up for more details







FUN FACTS ABOUT DOLLAR BILLS

\$ You can double fold. First forward and then backwards, a bill 4000 times before it will rear

\$ Circum with Envy. Circum ink was originally used in the mid-1800s to deter counterfeiters from photographing currency, then photographs were only brack and write. Circum lik continued to be used to reveral reasons. First a special formula had been developed that was highly resistant to chemical and physical changes. Second. It was plentified. And third, psychologically green was identified with a strong and subject, invernment.

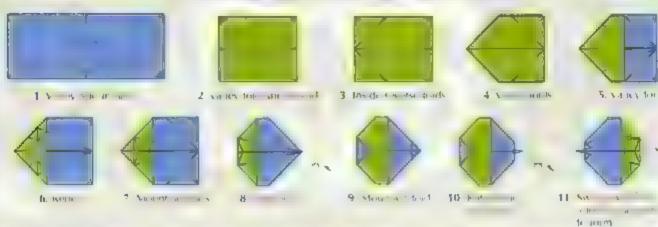
\$ A bill is 25% linen and 75% cotton

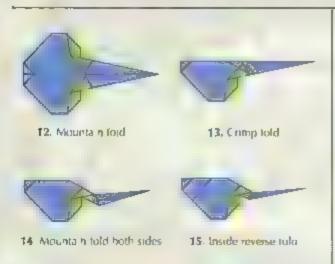
\$ Bills are made us n_h a process called intaglio printin_h which creates the effect of a sightly raised front and a stightly indented back. Each of the Bureau of Engraving's 24 presses, located in Fort Worth. Texas and Washington, D.C., is capable of printin_h over 8 000 sheets per how.

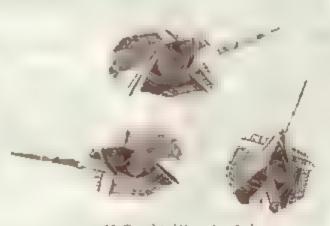
\$ Together the Fort Worth. Texas and Washington D.C. presses use 1d tons of ink. per day

\$ Have you ever wanted your picture on a dollar bill? Well not in your litetime! No, seriously latter the Chief of the Bureau of Engraving and Printing. L.M. Clark selected his own visage to appear on a 50-cent note, there was so much uproar that an act of Congress prohibiting the use of portraits of any trying persons, was passed on April. 1866.

HORSESHOE CRAB







PHOENIX







1. Ya lev fort and unfold

2. Repeat

3. Mountain folds

4. Valley folds



5. Villey inham his f



6. Varley fold and onfold



7. Vales fold and onfold



8. Compitali





9, Valley fold and anfold



10. Repeat



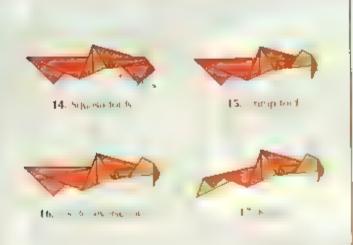
11. Crimpi ald



12. Valley tolds



13. Inside reverse fold





VAMPIRE BAT



1 Valey hali



5. Mountain rolds



2. Inside reverse folds



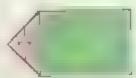
6. your made and hids



3. Valley fold and unfold



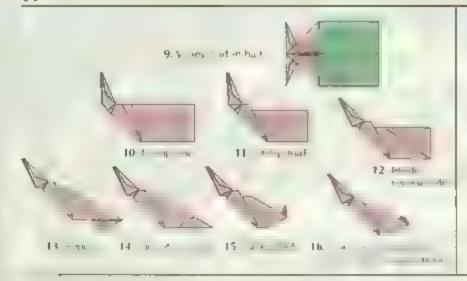
7 deputs - 10



4 5 W



B. Valley folds







TWO DOLLAR OBJECTS

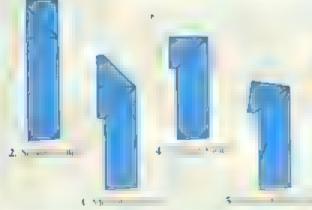




JEDI



1. Value viole



A TISE P

11 H 45

5 Compiese Par 1











7. Completed jed

FUN FACTS ABOUT DOLLAR BILLS

\$ Of the notes printed each year 95% are used to replace notes afready in circultinon 45% of the notes printed are \$1 bills.

\$ The \$2 bits first was authorized by the Continental Congress on line 15, 1776

over 1 wilek betwee the Declaration of Independence was signed, but Thomas letters, as podrate

out not appear on the bill until 1928. A special \$2 bill was commissioned in 1976 to

colline the United States Bacentennial. On the back of the bill, an engraving of

loth. Trombous painting 1 The Signing of the Occuration of ladependence reptal of

the image of Montreedo that barl appeared on the original (96).



\$ 1 per of court a sea, et al. and frace as

\$ it each bilt ever printed was laid end to end, they would stretch around the equator about 24 times.

\$ From studying old manuscripts historians suspect that the "\$" came about by writing 5 over "P for the Spanish peso or pieces of eight, their currency. This symbol was widely accepted before the adoption of the United States dollar in 1785.

TIGER SHARK



1 somey for self-order



2. v in 16 dest



3. value toget



4. a ney to a



5. Valley ford



6. Valley fold



7. Valley told



8. Valles rolla





10.



and the British





32 the top to nors so tes-



13 years and heats he transport back



14. Regional



15. COMPRESENT



Lividbry had he arrior



2. A swinds



4. V 3 + 10



4. 10 ic





40

7. Chilledge a service pro-



It is not too heads show



9 south above di



10. Such reserve tolk



11 Keper



12. Asido everse in



14 mento is verse mid-



14. Repear

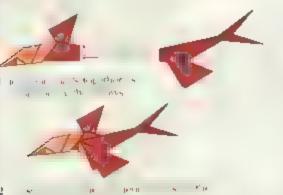


Ly Value ford



16. Completed Airt 3

ATTACHMENT





PART 1

SQUID



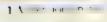
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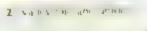


























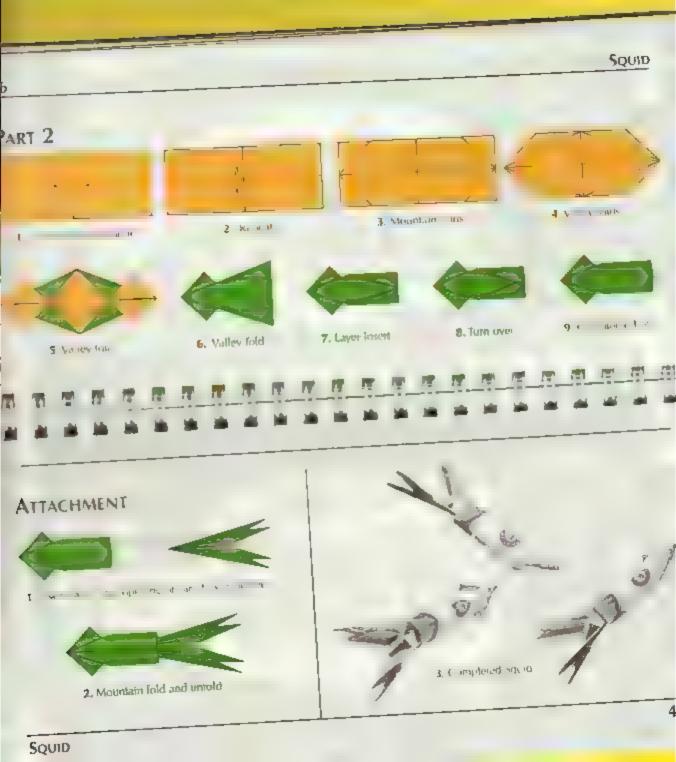
5. Sitt asit learne

6. reside reverse inco-

7 Kers 31

R. Ps. ann. Id.

9 Completed of St. 1



Fruit Bat



1 Valley folds and unfords



2. Valies tolds and groups



3. Valley loids



4. Inside reverse folds



5. Mountal a fold



6. maide reverse told



- 10 TH



A. Reine



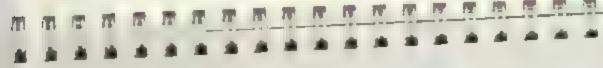
1) Sep. 1:



10 - 110



11 1 30





12. Squash fold



13. Valley fold



14. Valley fold



15. Vailey folds



16. Allen March 18



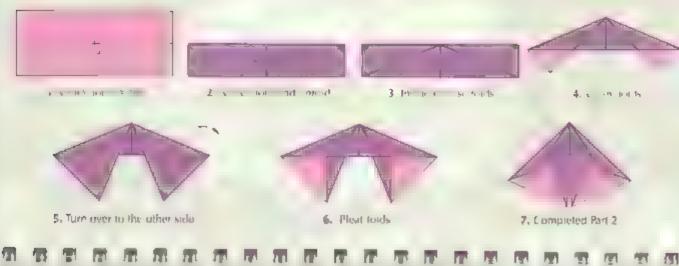
17 residence reverse

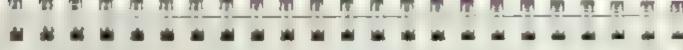


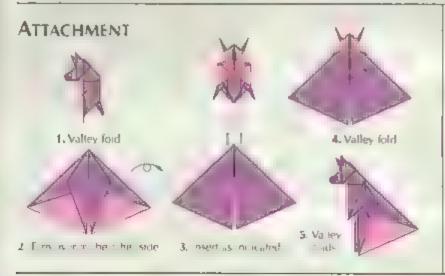
18. Outside reverse



19. Implaced Par a









6. Completes from Bar

FUN FACTS ABOUT DOLLAR BILLS

\$ The Bureau of Engraving and Printing produces 3 "million notes a day with a face value of approximately \$696 million

\$ The despain of a hill depends on its denomination
A \$ i will fasting for approximately 22 months, tends to the voting, while
\$ 50 in d \$ i ito bills have the longest existence, with a servical rate
in approximately nine years. On average, a \$20 bill will make it through
the presidential term, four years, whereas \$5 bills last bali or that
The are of the \$10 bill is approximately three years.



\$ 55 km for a people and places appear on currency?

As a covernment tree is the bureau of Engraving and Printing

a enteries at Librar reproduce the tikeness of any commercial product or time

in those the trial automorphiles on the back of the \$10 hill that are supposed to be

Michiel Tis? While nothing says American pride more than Ford

the cars are of no specific make or model rather they are composites or cars

produced in the 1920s, when the vignette was completed

\$ it costs approximately 4.2 cents to produce each bul

EUROPEAN DRAGON





















5. No toy took

Not and quited more and

B. C. mer ford 9 hery and 1th 3 var 5 tracks





15. Outside reverse



14. Mountain force



12



19. Repeat



13 Insure reverse ford



16. Completed Part



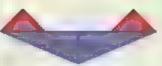
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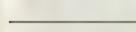


7 Min N Hill him he



8, tom more to

























 Join both parts together as shown



as indicated





4. Completed European Dragon





1. Valley force



2. Inside reverse folds



3. Valley sold and unford



4. 5 nk



5 y - it



b. v to a norther



II. No. N.



91 . 1





10. Valley fold



11 Repuat



12. Valley lold



13. Valley told



14. Torn over



15. Valey hold



16. Repeat



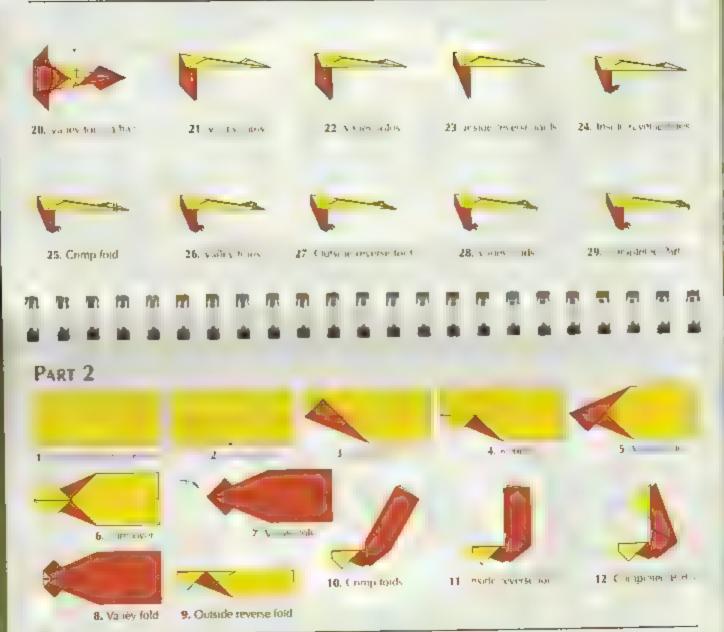
17. Valley told



18. Valley fold

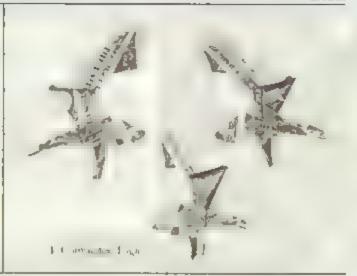


19, Plear rold



ATTACHMENT









THREE DOLLAR OBJECTS





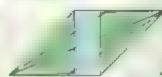
ROGER'S RABBIT



1 & Sylicials



2. Valley fold and unfold



3. Valley fords



4. Valley folds





h. Rod or



7 sailes todds





9 Mounta - hads





12. Picar in a



13. Completed Part 1









3. Mountain fold top and varies tolds the sides, repeat behind



4. No him had up at each side



S valley of repeal behind



valiev ford;
 repeal field ad



Valiev fold; repeat behind



8. Vailey fold; repeat behind



Valley fold sides to center; repeat behind.



10. Swing over a flap at each side



11 Inside reverse folds



12 % a 1 ids



\$4. S. H.S. DOLS



14 5 158



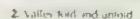
15 Monnyon no-



16. Inspector in a









3. Inside reverse folds





5. Numsh roll repeat behind



6. See you op



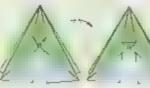
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8. Valley ad



9. Zonm 697



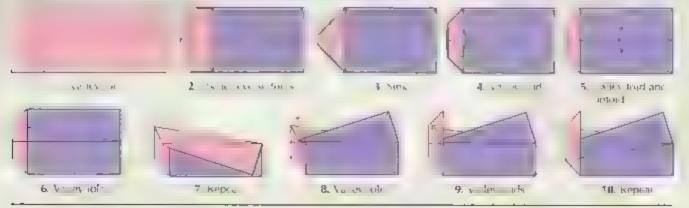
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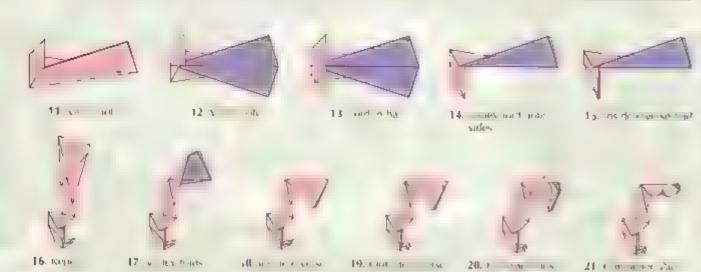




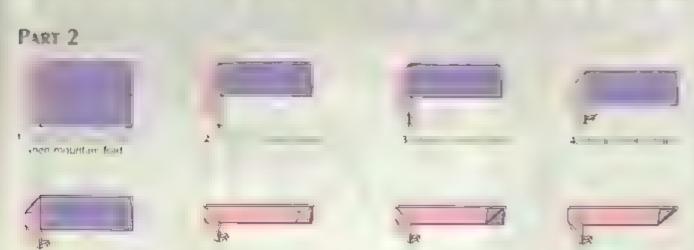


ORIENTAL DRAGON









7 maidniso prenincidy

6. Yalk and Heath sines

5 % les hall har some

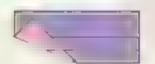
8. Tommen Part 1



1. Valley fold and unfold



2. Valley fold



3. Valley fold



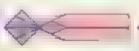
4. Repea



5, value for



h. Repr. Stops a for 4



7 can white



B. Financia.



9 Carvioled Area





2 villes into as mela decitioners bound as many together.



4. Comprises nonta Drigor

FUN FACTS ABOUT DOLLAR BILLS

\$ The targest note ever printed by the Bureau of Engraving and Printing was the \$100,000 Gold Certalcate, Series 1934, Printed for 3 weeks, from December 18, 1934 through January 9, 1935, they were not can utsted among the general public but rather were used for transactions between Ecderal Reserve Banks.

\$ Since 1969, the targest bul in circulation has been the \$100 bill.



\$ 15 hie husan B. Anthron, and more recently

back of the \$1 Silver Certificate of 1896

\$ \(\tau \) \(\tau \





L. Valley feld in half



2. Inside reverse folds, turn over



3. Pull and tolo



4. Squash folds repeat behind





5. Folds and untolds, repeat 6, Pull and lokis, repeat



7. Valley fold repeat behind



8, Inside reverse tolds



9. Valley fords



































10 Mounta o trick



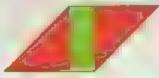
11 Squash londs



12. Completed Part 1



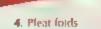
1 Valley fords



2. Valey tolo



3, Valley told



5. Completed Part 2

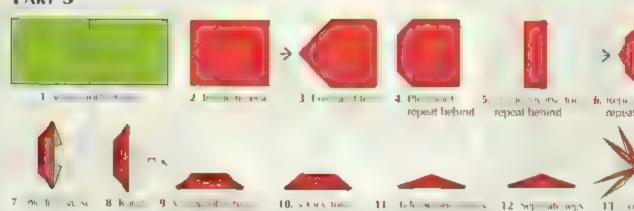
repeat behind

11 chapter

Egg

12 Set at 1055

PART 3



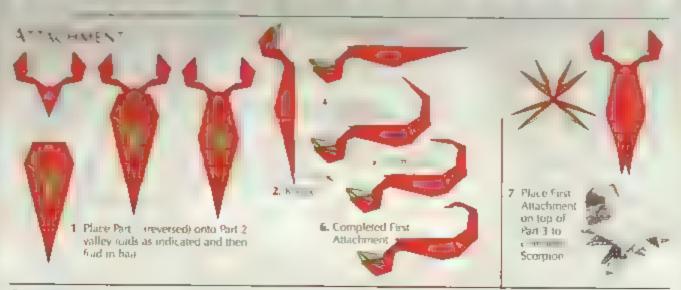
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age being



repeat behind

repeat behind



INDEX

Eagle, 58

Eel, 21

European Dragon, 54

Fruit Bat, 48

Horseshoe Crab, 28

Jedi, 36

Klingon Bird of Prey, 17

Oriental Dragon, 69

Phoenix, 30

Roger's Rabbit, 64

Scorpion, 76

Sea Lion, 14

Squid, 45

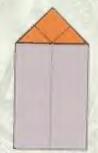
Tiger Shark, 40

Vampire Bat, 33

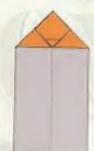


₹ STAR TREK ⊭

-PART ONE-



1. Start with the base fold. Inside reverse fold.



2. Mounts in field.



3. Tuen over.



A Valley folds.



5. Valley folds.



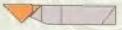
6. Pleat felt.



T, Fold in half.



8. Rolain



9. Mountain fold.





11. Hide behind layer.



12. Level both sides.



13. Completed Part One.

STAR TREK ₹ -PART TWO-



1. Valley falas.



2. Fold in half and rotate.



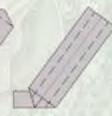
3. Inside reverse fold.



4. Valley fold.



5. Valley fold



6. Valvey fords.



7. Fold in half.



E. Dutside reverse fold.



9. Outside reverse feld.



10. Mountain fold,



11. Valley force



12. Hide behind layer.



33: Valley fold.



14. Completed Parl Tvzn.

STAR TREK

-PART THREE-



1, Start with step 7 of Part Two, Turn over



2. Outside reverse fold.



3. Outside reverse fold.



4. Mountain fold.



5. Valley fold.



6. Hide behind layer.

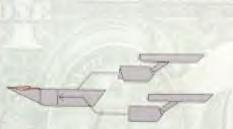


7. Valley fold.



8. Completed Part Thres.

-ASSEMBLY



1. Insert Part Two and Part Three into the openings between the layers of Part Une.



2. Valley fold both sides.



3. Completed Star Trek.



Orisanti wur Ballar Bills

Impress people with your money and how well you can...fold it.

(Yes, fold it, not spend it!)

By using a dollar bill instead of conventional origami paper, you don't have to look further than your wallet to create 15 folded projects with a unique twist. These ingenious origami projects, from a horseshoe crab to a Jedi to an Oriental Dragon, are fun to make and guaranteed to look unlike any you've seen before! Along the way you'll learn amazing facts about United States currency and its rich history, so to speak, including how many times a dollar bill can be

falled before tearing and why only green ink is used.

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